

POWER REDUCTION METHOD FOR A MOBILE COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

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A mobile unit 40 which is in a soft handoff condition 50 with a base station (32) has the power transmitted by the base station (32) on the mobile link (52) controlled. The base station (32) determines (70) when a frame erasure count reaches a particular level N. The base station then places this link in a clamped state (72) at minimum power. When the base station determines that M consecutive good frames have been received (92), the base station restores the link (52) to a normal state (94). A recovery arrangement (100, 110 and 120) prevents clamping by all base stations (32-34) and loss of the link.

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